

Memorandum

To: Laura Buelow, David Charters, Marc Stifelman, Monica Tonel, Matt Wilkening (EPA)

From: Julie Rothrock, Nick Flavin, Bill Thayer, Mark Follansbee (SRC)

Date: February 10, 2014

Subject: Upper Columbia River Residential Soil Study: Property – Specific DU Maps

As requested, example maps for the Spring 2014 field trip are provided below. Figure 1 shows the locations of the templates (light blue outlines). The templates (Figure 2) included in the QAPP were used as starting points for the property-specific maps. These examples depict various property sizes and features (e.g., gardens, play areas). Per the draft Phase 1 QAPP, each residential property will have one DU that encompasses up to one acre immediately surrounding the residence. Properties that include maintained areas larger than one acre will be further divided into five-acre DUs. Distinct play areas, gardens, and intermittently accessed areas in unmaintained areas, will be treated as separate DUs. Issues and questions that arose while creating the maps are included below.

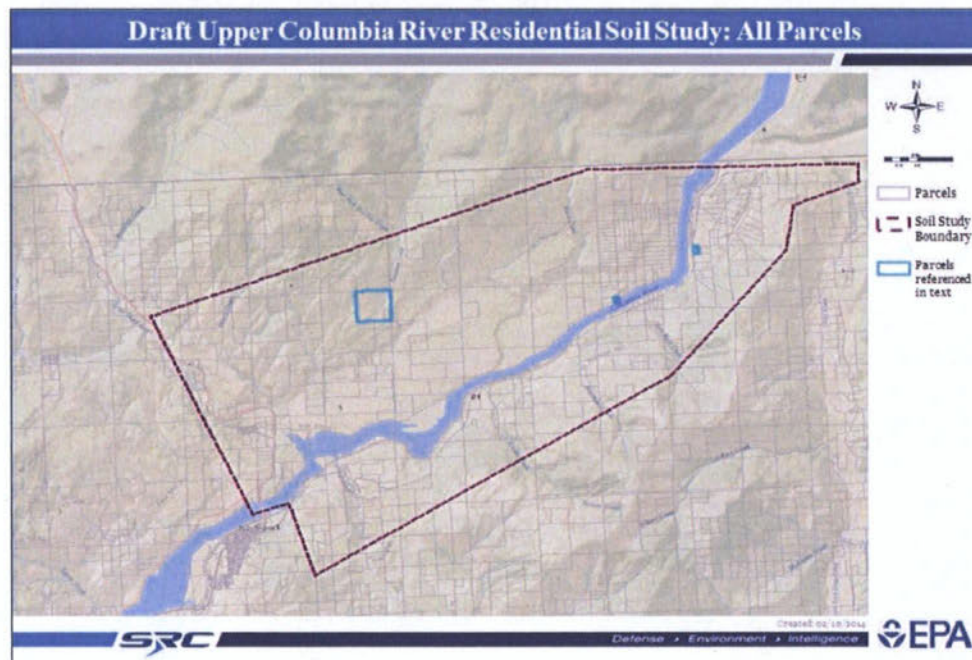


Figure 1. Residential properties within the initial study area.



ExamplePropertyMapsForSiteVisit_02'10'14.docx

Residential Property					
Template A	Template B	Template C	Template D	Template E	Template F
<ul style="list-style-type: none"> Property: > 5 acres Play and/or Garden Area Present 	<ul style="list-style-type: none"> Property: > 5 acres Play and/or Garden Area NOT Present 	<ul style="list-style-type: none"> Property: < 5 acres Play and/or Garden Area Present 	<ul style="list-style-type: none"> Property: < 5 acres Play and/or Garden Area NOT Present 	<ul style="list-style-type: none"> Agricultural land Present 	<ul style="list-style-type: none"> Intermittently accessed unmaintained area
Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU per additional 5-acre sections of maintained property (≤ 5 acres per DU rounded to the nearest integer) 1 DU for Garden 1 DU for Play Area 	Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU per additional 5-acre sections of maintained property (≤ 5 acres per DU rounded to the nearest integer) 	Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU for the remaining acreage of maintained property 1 DU for Garden 1 DU for Play Area 	Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU for the remaining acreage of maintained property 	Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU per 5-acres of agricultural land (≤ 5 acres per DU rounded to the nearest integer) 	Decision Units <ul style="list-style-type: none"> 1 DU for up to one acre surrounding the house 1 DU per 5 acres of intermittently accessed unmaintained area (rounded to the nearest integer)

Figure 2. Property-specific sampling templates.

Parcel (b) (6)

(b) (6)

(b) (6)

Parcel (b) (6)

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Parcel (b) (6)

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